··········O P E R A T I N G   R A N G E··········

This cordless telephone operates at the maximum power allowed by the Federal Communications Commission (FCC). Even so, the handset and base can communicate over only a certain distance —which can vary with the locations of the base and handset, the weather, and the construction of your home or office.

If the handset is moved to a point where the base and handset can no longer communicate, the handset will sound two short beeps when you make a call, indicating that you are out of range. Move close to the base to restore normal operation.

If you receive a call while you are out of range, the handset might not ring — or if it does ring, the call might not connect when you press PHONE. Move closer to the base, then press PHONE to answer the call.

If you move out of range during a phone conversation, you will hear noise or interference. To improve reception, move closer to the base.

If you move out of range while on a call, the phone will be left "off the hook." To hang up properly, walk back into range, periodically pressing PHONE until the PHONE light goes off.

Changing Channels

This cordless telephone has an advanced **AutoSelect** feature that minimizes the chance of interference.

In the unlikely event that you notice noise or interference while using the handset:
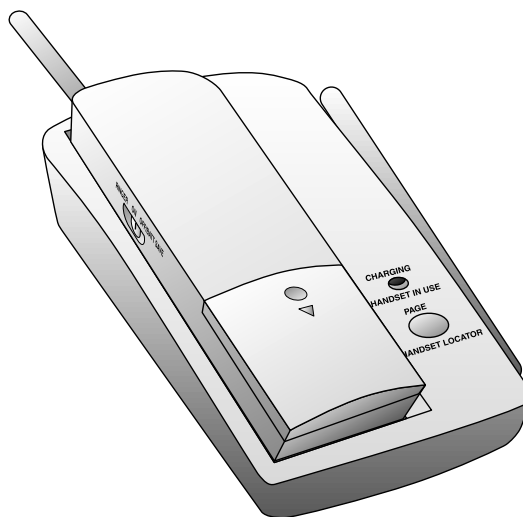
1 Press CHANNEL.
2 If the interference does not clear, continue to press CHANNEL until you find a clear channel (your call will not be interrupted
   —OR—
   Move closer to the base and press CHANNEL.

NOTE: You must be in range to change channels.

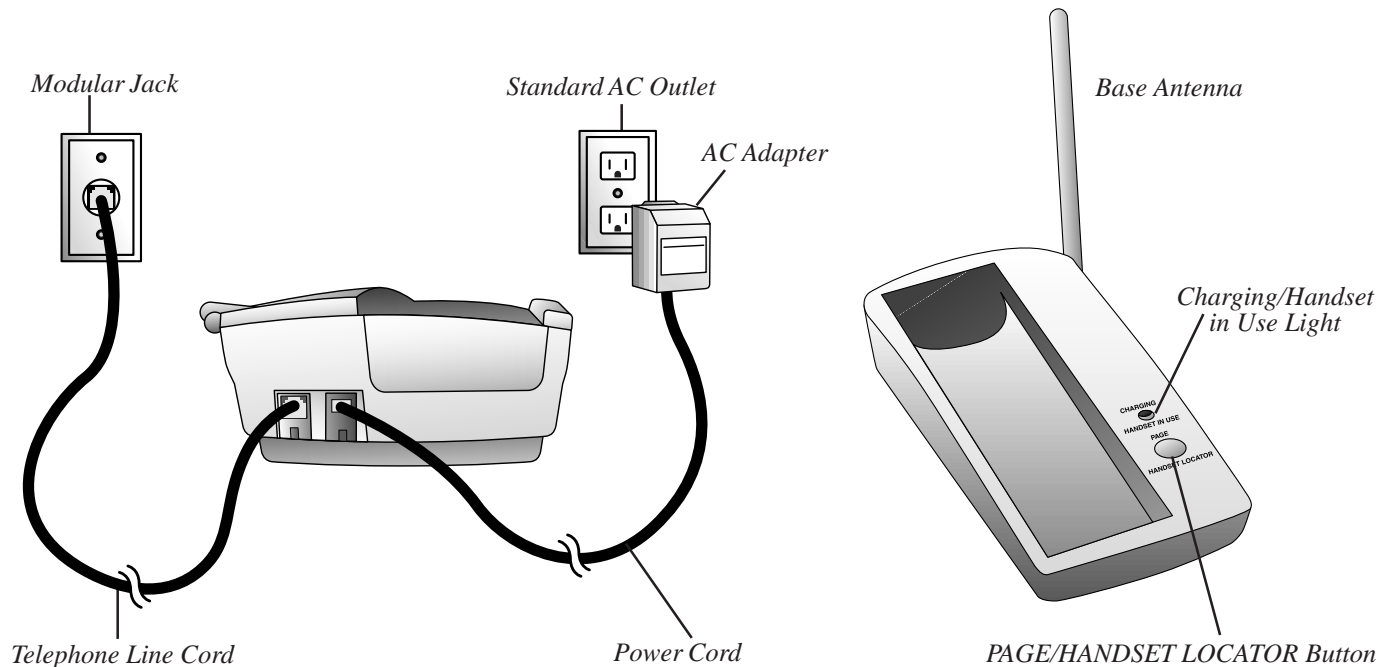**AT&T**

User's Manual for Cordless Telephone 7220

*Fold open this manual for information about this telephone's installation and operation. Please read **Part 1— Important Product Information,** included in this package.*

Modular Jack

Standard AC Outlet

AC Adapter

Base Antenna

Charging/Handset in Use Light

Telephone Line Cord

Power Cord

PAGE/HANDSET LOCATOR Button

The instructions below are for both table and wall installation.

1 **Choose a spot near an electrical outlet and a telephone jack.**
    • This phone requires a modular telephone jack and a standard electrical outlet (110v AC).

2 **Install the handset battery.**
    (For an illustration of battery installation, see "BATTERIES.")
    • Plug the battery pack connector into the handset and place the battery pack into the case, so the wires rest between the battery pack and the case.
    • Place the battery case cover on the handset by sliding it on its track up over the battery case until it snaps firmly in place.

3 **Set the handset ringer switch.**
    Set the switch on the side of the handset to ON so the handset will ring. When this switch is set to OFF the handset will not ring.

    NOTE: if you set the ringer switch to OFF, the handset battery will last longer. However, when the ringer is set to OFF,

you will always need to press [PHONE] to answer a call, even when the handset has been in the base.

4 **Connect the telephone line cord.**
    Plug one end of the telephone line cord into the jack on the back of the base. *(If you are **wall mounting** the phone, wrap the excess cord in the groove on the bottom of the base.)* Plug the other end of the line cord into a modular phone jack. Make sure the plug snaps firmly in place.

5 **Mount the base on the wall.**
    (WALL MOUNTING ONLY) Hold the base so that the mounting knobs on the standard wall jack will fit into the holes on the bottom of the base. Slide the base down onto the knobs until it locks into place.

6 **Connect the power cord.**
    Plug the power cord into the jack labeled DC POWER on the back of the base. Plug the AC adapter on the power cord into an electrical outlet.

7 **Charge the handset batteries before use.**
    Place the handset face down in the base. The CHARGING light on the

base goes on to show the handset is in the right position to charge the batteries. The battery requires 10 hours of charging.

8 **Check for dial tone.**
    After the batteries are charged, pick up the handset and extend the base antenna. Check for dial tone by pressing [PHONE]; the PHONE light should go on and you should hear a dial tone.

9 **Set the dial mode.**
    If you have touch tone service, the phone will be ready to use as soon as the battery is charged.
    NOTE: If you have dial pulse service, you'll need to set the dial mode. Press [PHONE] [PROG/MEM] , [#], [#], [#], [3]. *To return to touch tone dialing with touch tone service, press* [PHONE] [PROG/MEM] , [#], [#], [#], [8].

⚠ **CAUTION:** Use only AC power adapter supplied with this telephone. Power Supply 4906 or 4898. Input: 117V AC, 60Hz, 6W. Output: 12V DC, 200 mA.

.........O P E R A T I O N.........

Making A Call

1 Press PHONE , and wait for the PHONE light to go on steadily.

2 When you hear a dial tone, dial the number

Answering a Call

• Although ringing stops when you answer, you might not be able to hear the other party until the PHONE light goes on steadily.

• **If this phone is ringing and the handset is in the base,** lift the handset. The PHONE light goes on, and the call is connected.

NOTE: If the ringer switch is set to OFF, press PHONE to answer the call.

• **If the handset is out of the base,** press PHONE . The PHONE light goes on, and the call is connected.

Ending a Call

To end a call, place the handset into the base or press PHONE .

Redial

The last number dialed (up to 16 digits) on this phone is stored in redial memory until you dial another number.

1 Press PHONE , and wait for the PHONE light to go on.

2 When you hear a dial tone, press REDIAL .

Battery Saver Control Feature

Set the switch on the side of the handset to OFF to prevent the handset from ringing.

When the ringer switch is set to OFF, the handset stays ready to use for up to 21 days in standby mode before you have to return it to the base for recharging. You can still use the handset to make a call or to answer a call if you hear an extension phone ringing.

When the ringer switch is set to ON, the handset stays ready to use for up to 14 days.

Handset Volume

The handset volume can be set to three different levels. Each time you press VOL the level changes.

Temporary Tone

NOTE: If you have touch tone service, you do not need to use the Temporary Tone feature.

If you have dial pulse (rotary) service, this feature allows you to enter codes or tones needed to operate answering machines, or use electronic banking services, calling cards, and other special services. This feature will operate most special services; however, some services may actually require a touch tone line. To be sure, ask the company that provides the special service.

1 Dial the call, then press TONE ✳ . Any buttons pressed after this send tone signals.

2 After you hang up, the phone automatically returns to dial pulse (rotary) dialing.

Page

The Page feature allows you to signal someone at the handset from the base.

• Make sure the Handset In Use light is not lit on the base.

• Press the PAGE/HANDSET LOCATOR button on the base. A 3-part paging tone will sound at the handset.

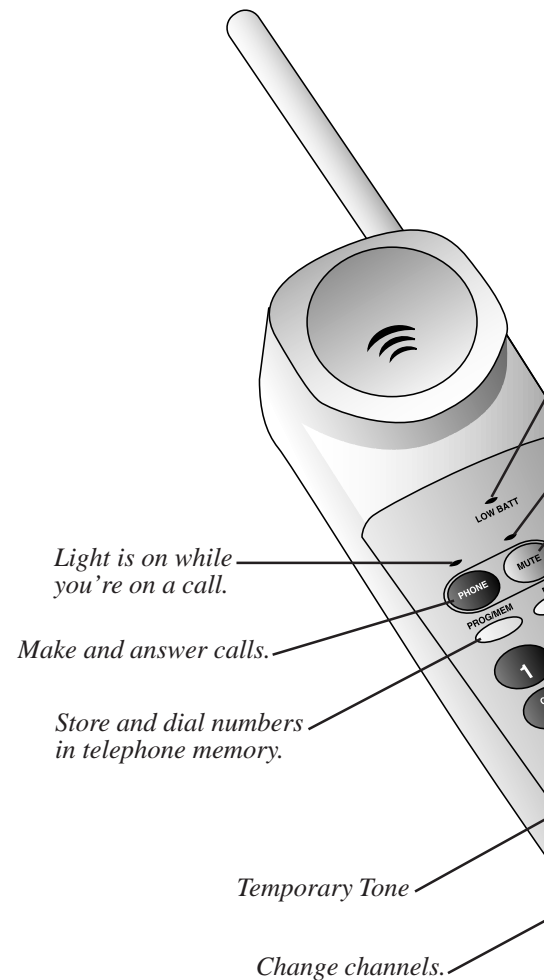*NOTE: The handset ringer switch must be set to ON to operate the PAGE feature.*

Page/Handset Locator

This feature is useful if you misplace the handset.

To locate the handset using this feature: Press and hold the PAGE/HANDSET LOCATOR button on the base for approximately four seconds. A repeating paging tone is sounded in the handset.

To cancel the Handset Locator feature, press CHANNEL on the handset or the PAGE/HANDSET LOCATOR button on the base.

NOTE: The Find feature will turn itself off in approximately 3 minutes if you haven't turned it off before then.

Light is on while you're on a call.

Make and answer calls.

Store and dial numbers in telephone memory.

Temporary Tone

Change channels.

Mute

Mute allows you to hear your caller, but prevents the caller from hearing you.
While on a call:

• Press MUTE . The MUTE light goes on.

To continue your conversation:

• Press MUTE again. The MUTE light goes off.

Flash

Press FLASH to activate custom-calling services such as Call Waiting or 3-Way Calling. You may have to press other buttons before or after FLASH as explained in custom-calling instructions provided by your local telephone service company.

Light goes on when battery needs recharging.

Light goes on when MUTE is active

Mute handset microphone.

Redial last number called.

Dial memory location 01

Access telephone subscriber services.

Adjust listening volume during a call.

This cordless phone can store 10 telephone numbers that you can dial just by pressing PROG/MEM and one of the number buttons. Additionally, Model 7220 offers a memory location accessed by pressing M1.

Store Speed-Dial Numbers

1 Make sure the handset is OFF.
2 Press PROG/MEM.
3 Enter the phone number (up to 16 digits).
4 Press PROG/MEM.
5 Press any number button from 0 to 9 for the memory location where the number is to be stored.
6 A three-part tone confirms that the number was stored properly. If you hear a long buzzing tone, or nothing at all, press PHONE, then follow the steps above to store the number again.

For example, to store 555-1234 in memory location 9:
Press PROG/MEM, 5 5 5 1 2 3 4 PROG/MEM, 9.

Storing a Number in M1

1 Make sure the PHONE light is OFF.
2 Press PROG/MEM.
3 Enter the phone number (up to 16 digits).
4 Press PROG/MEM.
5 Press M1.

NOTE: You may choose to store emergency numbers in the memory locations. The manufacturer assumes no responsibility for customer reliance upon this memory feature.

Dialing Speed-Dial Numbers

1 Press PHONE.
2 Press PROG/MEM.
3 Press the number button (0-9) you assigned to the number you're calling.

For example, to dial the number stored in location 9, press PHONE, PROG/MEM, 9.

Dialing M1

1 Press PHONE.
2 Press M1.

Storing Numbers Just Dialed

Whenever you make a telephone call, you can store the number you dialed in memory. Press REDIAL instead of entering the telephone number when storing speed-dial numbers.

Replacing a Stored Number

You can replace a stored number by storing a new number in its place.

Memory Guard

The phone numbers you store in memory are protected from loss when you change the handset battery, or in the event of a power failure.

Directory Label

There is a directory label that you can use to keep a record of names or telephone numbers of the numbers stored in memory locations. You can place this label on the handset or the base.

Storing a Pause
In a Memory Dial Number

If this phone is connected to a switchboard, you might have to dial an access number (usually 9) to get an outside line. You can store the access number and a pause in the dialing sequence; the pause allows the switchboard enough time to get an outside line dial tone.
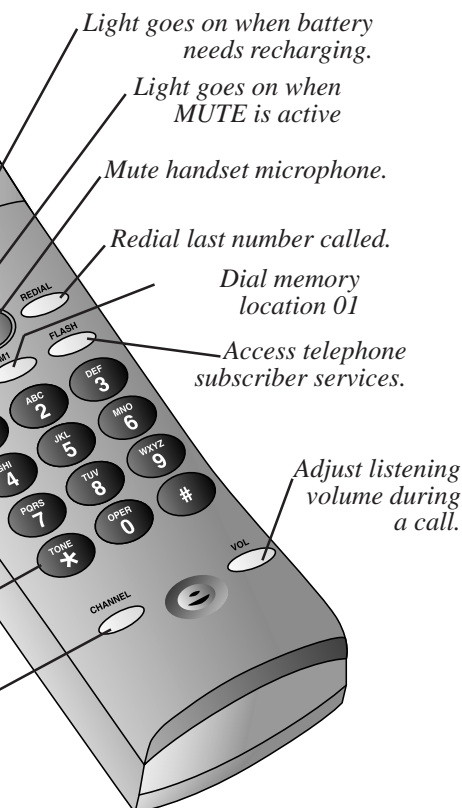
To insert a pause in a stored number:
When storing a number in memory, press and hold down the number button that comes before the pause, until you hear the second beep. This inserts a 1.5 second pause after that digit. If you hold the number button down longer, you will hear more beeps as additional pauses are stored.

NOTE: Each pause you store is counted as a digit. You can store up to 16 digits in each memory location.

For example, to store 9, PAUSE, 555-1234 in memory location 3:
Press PROG/MEM, 9, (hold the 9 for 2 seconds, until a second beep is heard.) Then press 5 5 5 1 2 3 4 PROG/MEM 3.

Charging the Handset Battery Pack

The batteries need charging when:

*   The phone beeps four times when you press [PHONE].
*   The LOW BATTERY light on the handset flashes on and off.
*   The phone does not respond when you press [PHONE], and no lights go on.

Place the handset in the base so the CHARGING light goes on. The batteries will be fully charged in 10 hours . When the LOW BATTERY light goes on, place the handset flat in the base.

NOTE: the handset must lie flat in the base, with the keypad facing down, when charging.

A fully charged battery, under normal use, maintains standby power for up to 14 days when the Handset Ringer Control switch is set to ON, and up to 21 days when the Handset Ringer Control switch is set to OFF.

If it's more convenient for you, you can leave the handset in the base all the time. It is impossible to overcharge the batteries. *If you get a low battery indicator* even after 10 hours of charging, the battery should be replaced.
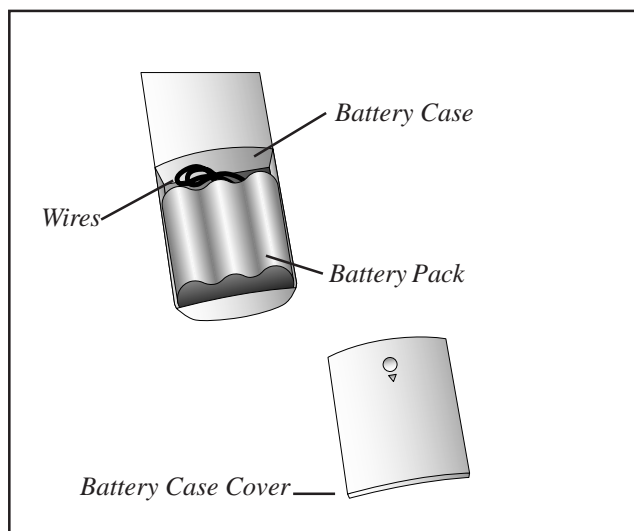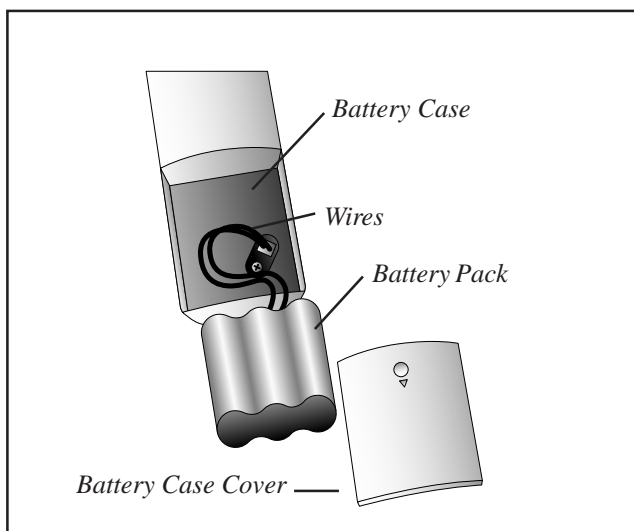
⚠ **CAUTION:** To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully.

*   Use Replacement Battery 4051 in the handset.
*   Do not dispose of the battery in a fire. The cell might explode.
*   Do not open, puncture or mutilate the battery. Released electrolyte is corrosive and might cause damage to the eyes or skin. It might be toxic if swallowed.

Replacing the Handset Battery Pack

1   **Remove the battery case cover** on the handset by pressing on the indentation and sliding the cover downward.
2   **Lift out the old battery pack** and unplug it from the handset.
3   **Hold the new battery pack and plug the connector into the handset.** Place the battery pack into the case, so the wires rest above the battery pack.
4   **Replace the cover** by sliding it on its track up over the battery case until it snaps firmly into place.
5   **The new batteries must be charged before using the phone.** Place the handset face down in the base and allow it to charge for 10 hours. The telephone might operate before that, but for best performance, let the handset batteries charge fully.

Battery Case
Wires
Battery Pack
Battery Case Cover

Battery Case
Wires
Battery Pack
Battery Case Cover

....IN CASE OF DIFFICULTY....

If you have difficulty operating this phone, try the suggestions below. If you still have trouble, call 1 800 722–9125.

If the phone does not work at all, check these items first

• Make sure the power cord is plugged into the base and an electrical outlet.
• Make sure the telephone line cord is plugged firmly into the base unit and the telephone jack.
• If the phone does not beep, or beeps four times when you press PHONE, the batteries might need recharging.
• If the handset LOW BATTERY light is flashing, the batteries need re-charging.
• Make sure the battery pack is installed correctly.
• If the battery pack will still not charge, replace it with Replacement Battery 4051.
• If the above suggestions do not solve the problem, try resetting the security code (see next section).

If you hear a two-beep signal when you try to use the handset

• The handset and base are not communicating properly. You might be out of range while attempting to dial. Move closer to the base and try the call again.
• **If moving closer to the base does not help,** the handset and base might be set to different security codes.
  To reset the security code, try the following:
  • Place the handset in the base, and check to make sure the CHARGING light is on. Wait 15 seconds, then pick up the handset and press PHONE. The phone should operate properly. If it does not, try the next step.
  • Place the handset in the base, and check to make sure the CHARGING light is on. Unplug the AC adapter from the outlet, wait 15 seconds, then plug it in again. The CHARG-ING light should go on. Wait another 15 seconds, then pick up the handset and press PHONE. The

phone should operate properly. If it does not, try the next step.
• Pick up the handset, open the battery compartment, and unplug the battery pack. Wait 15 seconds, then reinstall the battery pack, close the battery compartment, place the handset in the base, and check to make sure the CHARGING light is on. Wait another 15 seconds, then pick up the handset and press PHONE. The phone should operate properly.

If you have no dial tone, check all the previous suggestions. If you still do not hear a dial tone, disconnect the phone and try another phone in the same jack. If there is no dial tone on that phone either, the problem is probably in your wiring or local service. Call your local telephone service company.

If you hear noise or interference when using the phone

• You may be out of range. Move closer to the base.
• Press and release CHANNEL to change to another of the 25 channels available. If the noise is exceptionally loud, move closer to the base before changing channels.
• Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet.
• The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably on an upper floor.

If the phone does not ring when you receive a call

• Make sure the handset ringer switch is set to **ON**.
• Make sure the telephone line cord is connected firmly to the base and the telephone jack. Make sure the power cord is plugged into an outlet not controlled by a wall switch.
• You might be too far from the base. Move closer to the base.
• You might have too many exten-sion phones on your telephone line

to allow all of them to ring. Try un-plugging some of the other phones.
• Press CHANNEL to change to another channel.

If you hear other calls while using the phone

• Press CHANNEL to change to another channel.
• Disconnect the base from the telephone jack and plug in a corded telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone service company.

If your telephone misdials or you don't hear the other person right away

• It might take a few seconds for your handset to find a good connection to the phone system. While it is searching, the PHONE light blinks rapidly. Do not start dialing until the PHONE light is on steadily.
• If you have dial pulse (rotary) service, you'll need to set the dial mode. Press PHONE PROG/MEM # # # 3.
• If you have TONE service and you hear strange clicks while you are dialing, you'll need to set the dial mode. Press PHONE PROG/MEM # # # 8.

If you hear noise in the handset and the buttons don't work

The base unit and handset might not be set to the same security code. Place the handset in the base for at least 15 seconds to reset the security code.